

ABSTRACT OF THE DISCLOSURE

A disposable syringe having a double hook element (9), causing, after a piston stroke toward the end of the socket element (4) of the needle, allowing retraction within the reservoir (1) during the reverse stroke of the piston (2). A spring (8) between the double hook element (9) and the end of a reservoir lip, when compressed, maintains the double hook element (9) in its position, and when extended, acts to cause the return of the needle (5) within the reservoir (1).